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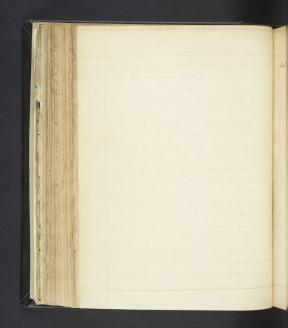


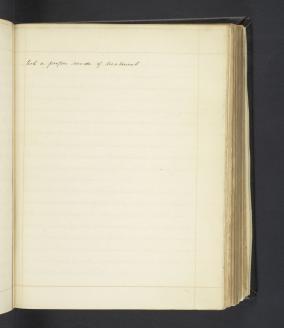
As it appeared along the Banks of Vchuylkill, and Gummer and Sutumo of 13-22 & 1823. Charles trayne A. B. Lennsylvanias

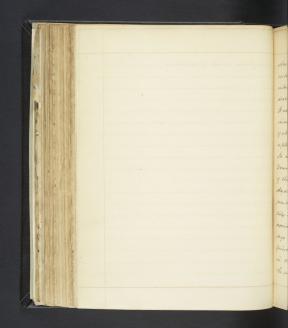


Interduction.

A probationary thisis being necessary to obtain a degree in medicino, I have altempted in the following pages to investigate the cause and progrefs, The symptomy character & treatment of the late Epidemic, which prevailed along the Banks of Thuylkill, and in the Great Cally of Chester County, Lennsy banias as it is incum bent on shore who profres she means of making elsewating on those diseases, which prevail in the distincts in which they reside, to collect and describe with fidelity all the facts which are connected with it, and for ticularly those which have lately "raw aged the fairest portions of our Country! Therefore all I will attempt to lay before you is, the result of observation snade on the same disease at different times and in different sitreations, and which is she only correct way of acquire ising a RM oveledge of its caused nature, so as to setate







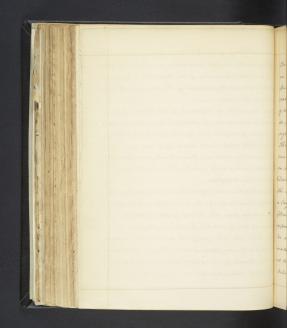
History of the Epidemic Se.

Amongst the earliest cultivatury of medical steiner, certain states & conditions of the atmosphere were accessed by the presented on powerfully influencing the causes of the presentation of the seasons.

I was mentioned by Hippoceatis the Father getted siene to depend on the natural & known cause of change of air he also speaks of a Unione prinuple (20 dies) to be the cause of peocy;

In a similar manner Dimeibrock mention the Teminacians s cools dimifron to be the cause of the same diseases.

And the illustring lydenham aler ascirby this pendia constitution of the letinophere, is gehalating exising from the bowels of the earth, for in again, one of the spiritumity in Lenden he lays that the change of the constitution depend principally on some series hidden altration to the bowels of the bounds of the tast, commencicated to the while a term place of the while a term place.



Stuck appears to have been the opinion of our treatment musicine, concerning the presenting party for the structure age of the seast the servent age of the seast the servent age of the seast telever, and no with find that cutain stage of the letting from the feedure certain grades of fear, a single from agests the fee season from temperature to the season of the season the season of the season the season of the season

Decing the Summer and Sustained of 1822 & 23, the water of the Schuylkill were uncommenty long a large pumber of lags and strongs, which were proved by the bed of the cines were assurptioned to the action of the sum;

be all lines that soord remains seemed and water for a day fine, but or seem is it is to have the to the same is observed and to the same is observed and for the same is observed and to the same is observed.

Below the damy a large number of sand bay wood



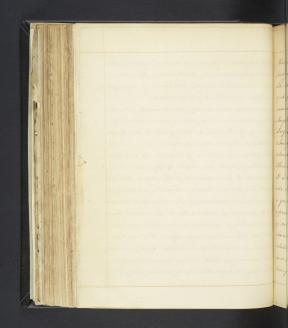
formed on which a qual quantity of segetable matter was lodged & being exposed to the sunskute. spied & became accepacy in producing miss mata. Beside these a number of Swampy & Mill dams in the vicinity of Thuy thill became perfectly day from the drought, which commenced early in the Gummer & being covered with a luxuriant growth of high I thick grafs, which died in the latter end of Tummer and being trampled in the mud by the Callled exposed to the Sun, affords another proof that miasmata is famed in this way. ites of the inhabitants along Schuylkill for solid matter properse, in consequence of this, their though was greatly diminished, I their system les able to resist the action of morbific disease. All the inhabitants in the vicinity of these damp



And swamps were attached more violent, and with symptomy more malignant, There were also then there were block particularly amongst children in this neighbourhood.

Exhadations they arising contaminate the while although charact over a great extent of country by the winds never fail to per duck Believes & Intermittent genery.

The chemical habities of March Missimals is Not very wall in decidently they some it is supposed to they design united down the Selfphur & Barbon, Mary Mary & Aritigen in walknown proportions by whoy it is supposed to consist of desimalands for due of by the furtheraction of animal of people the matters of animal of people the matters and the self the certain howards to high salation on a position by that it is a matter highly salation and position way that it aims from animals we say that it was form animals where the self of t

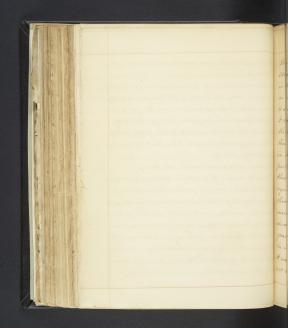


That it influence upon the system is wide and Juna ding.

The Epselinia made it appearance about the first of whopen the selection of the highest of the selection of as for a for a the major the selection of the factor day the selection of the factor days the selection of the factor days to the selection of the factor days of the Great dates, (theirs for fee for a spice of the Great a decision of the factor day about the grant of the factor day about the grant of the factor day about they family.

There were also, a pero eases in the balley.

It is well known that the inhabitanty of himmals destricts are capacile of recaining minima for a great length of them switheast exceeding its open apren the systems, and could semain guineast of not by proceed to some specifing causes a way remarked that of preciams a some freedom some though the white operation are some suithout being attacked, and then being append to some exciting cours, here at it was a retired to some exciting cours, here at it was a retired to



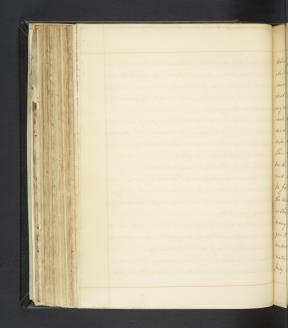
They we see our the general constitution of the alter phone, man hay no prover, a shell therepoin the freezention of discoust he cannot operate an ear he except from its unless by utilities to a milant region.

It was remarked that the change of are and the increase of humidity spead the distance there pursuy who exposed themselves by widing in the night air to the sun were hove particularly bastle to an attack.

There were also different of his organicasing which required the same for dispositions to being them into actions there were might weathings anniety, grey to.

And the liability to an allack way in a great many instancy, brought ince action by the improfer use y as dead spirity-

It was remarked that those persons who were not attacked with this fever - had Dysentery



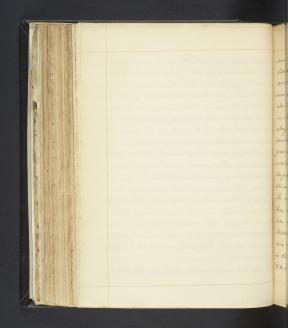
to hich grunnly yelled to the sensed seme dies. It is mentioned by the highest another to that doings blowing in a certain dientison. I that heat of meritain combined are capable of producing certain spidemic constitutions, I will premend to send to mention the meteorological observating made on the tanny Do William Harris in the disease premailed.

The Spring of 1822 was generally day & backsond too had very little lain in March, experil

and May: and generally heal thy.

In June the warm we asker commenceds the Ciefs of hay of the harvest way left assured as the Ciefs of the harvest way left assured as they open thouse for many ground the thing month Intermitted the families along Johnythies I among the function on it the bally Toges The mean temperature projects in the hally Toges The mean temperature projects.

July was generally warm and day the Thermo-



meter stood at 86° on the first, i at 88° on the turn with, it dained only there stays, whis mouth, the himmitteed floor made its expressionate the made its expressionate the prevailed, there may a joy always ten in the perghbourhood of the ballay tape, and along tehnylliel every morning, which disoppered in the middle of the day, the wind generally blowing from the blow hear temperature to the towning from the blow hear temperature to the towning from the blow hear temperature to the towning from the blow hear temperature to the

Suggest was warm and day, the thermometration of at 85° on the found he it 89° on the lime with the twenty in the 8 1%. It sells there days this month, mean bounts, 85° Believe four there were sing,

September pag warm & day, There was 4 days sain this month, The Mean Temp 176? The wind in the first dime per the the thirt dime per the 4. W. to sto d in a few days secret families in



the bally were attacked with the presenting from.

I shall now proceed to make a few umarkyapon the character & tecatments of the Epidenic,

to chap of pursons were exempt from this pever, all ages & book sex as were attached.

The symplimy which generally intersenced this four were languar heaviness, disination to be made, general symmetry it the standings, tigous which sum up the back of along the externiting bules small & guick,— represents dispisally which time to the two or there hours, during which time the putting which time the putting complained of great bear in the beaut, beaut which

In some cases she paring were attached in the give simply of the head, it being raised to an apoing the housemay signerple way immediately furthered, and some were attached with converting, parainlarly children.



And suys, back & limbs were sprenciating.

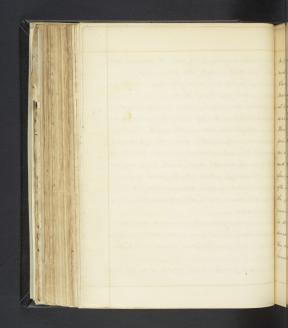
The pains in the back were sometimes to write, the patient could not lay in bed.

The patient semplained of great nausers of sencions semiding of believes matter took places accompanied with a disagreeaste taste in the mouth, the tengue has consider much a section feel to say, the fee ten feeld of greek through peace hard, there was also feeld of greek through peace hard, there was also great the decayed about the bigosphe's region.

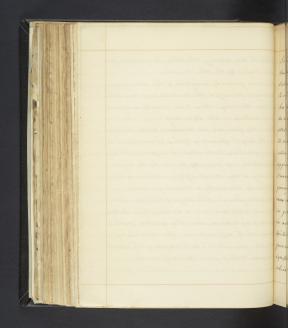
A year shirt I dry skim always accorded this form. The seine was highly ecloured I in its usual as grantery.

These symptoms generally continued from four to light hours, which were succeeded by a relog ed thin is a furquese moisture our the whole succession.

In a number of eases a rash appeared on the third



Or fourth day covering the whole body which gen-- wally papered of the other sumptony. There were generally remeding of this fever every maning & locking, & the exact bating were sever - ut every other day - There were sometimes several 4 acceptations in the same day. When this pour did not be minate on the third or fourth day it aftermed a typhuy character, which san on sometimes to the cleasurth or jourteenth day and which was generally known by the longue afterning a day, smooth & glofey appearance, and after wardy covered by a dark brown cruek The parayems in this stage of the places were generally attended with delivium, which lasted bu six a eight hours, when they abouted with a sweat which diffused over the whole body. They were generally lia to to relapses if they by hosed Themselves to the original exciting causes.



I shall now detail the method pursuod in the treatment of this peace.

Called to a case of this pase our first attempt was to clause the Allimentary canal, and by fertimentary canal, and by fertimentary canal, and so fertimentary the can Conclude the an Conclus, unlike for bedden by an advanced state of foregranary, is a habitual foredisposition to commit should them was absorbed agree a great accumulation of bile to other accumulation of bile to other accumulation of bile to other accumulation of the total to the contraction of the sound suppressed in the contraction of the sound suppressed in the contraction of the contractio

Sometimes the disease was removed entirely by giving an Smetir in the farming stages to all cases where there was much mansear, penger that he good speed for they were generally dejected; but in all cases when the smear quently dejected; but in all cases when the smear grant generally delice which period the them was a great quantity of his which generally deliced the paint on me he dely cymptimes, particularly the pain in the heads, which in some cases was very very distributing; It also

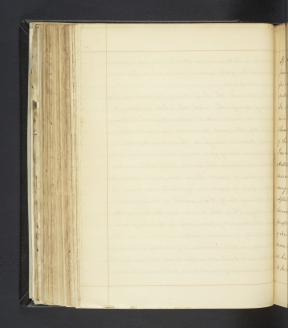


Modered a determination to the surgan semmed the constriction of the settime refield which proved to be very bourfield.

At the stomach the chief seat of the disease, has a thong sympathy wish the whole styling, it beneficial were widely different, a which being semplately dearned procured an abatement, or a more distinct remission than way before.

It appeared also of gleat service when nothing load theorem up besseds the limeter itself & the water. I've granes of Emeter factor was put in four take to opening up a grace, one of which was green take to delete you had how until it common each of even day, there was the smitting from old by dinking very beliefly of warms water.

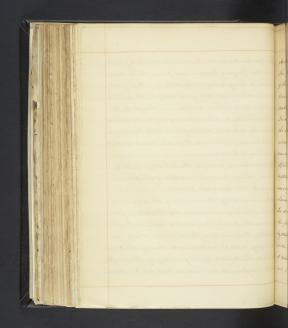
Exhibited in this manau, it generally proved back timetic and bathactic & appeterally chancing the whole alimentary canal of its accumulary land.



If the Emili failed to open the bounds, I generally furnished pringery Batemal and fatop which mean failed to thing among dank story of a high of bottom batters, which affected quad relief to the patient of there cases where be matery some thought to be made firebles, or, when their way projected against them, the both his principle of the both may also hardenged on kicky by frience of they have been advantaged to the bounds of pear by lay demands aftermand freely of the bounds of pear by

Metica cathactic given in the last stage of this deserve always produced a return of the feary and dangered the life of the patient.

After enace along the contents of the stemach & break, the next indication long to excite a general perspectage that any mater day, greater, trade day, greater, break day, greater, break and faction to the formation of the standard action, and relaying the surper to had the to suited action, and relaying the surper to had the to suited appear of changing the surper to the had the to suited appear of the transfering; In some cases it light the downly open.

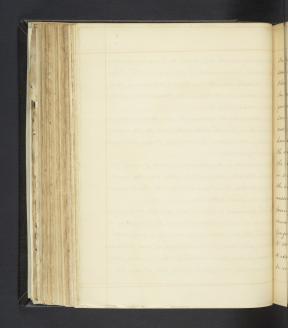


And discharged the bils or just as it was accumulated. The deinty decummended to particulate in this stage of the deinty wind the stage of the discuss, were Bostom, Lage Lichamemile that, to ast I want water, went demonates, farmacined i explish water, wine whey to.

In a great mamber of cases the four termination of the Philad in fourth with a propure perspiration, which in fraing, his problem all his pains, his problem arriving see also

After distinct in templains had been formed the system pass then prespaced for other semides, and amounted these Crick mas stands the highest and claims on prior attention.

In the Epenemic of 1822 it were failed to turnicate the freeze in a few day deliteraies to strongliken the legition. That is when given seering a complete tutternifier, but if the intermifier way incompared the men facility to do mischief! West in 1823 it did not prove so succepfeel, which was accounted



For by the adulteration of the article, for in some cases it was given to the amount of two or Three ounces without producing any good effect. My mode of prescribing the cinchona was to rod, then the back was thrown aside & Diap horetic medicing usumed, at the next intermipion, the back was resumed I so continuing on until The Jever terminated entirely: when the barts in substance could not be retained, I prescrised The Back tea as it was called, I in most assess answered very well, it was generally made by howing a print of boiling water on a half an ounce of the best red back, to which Cloves or Ginger was added to make it more agreeable to the stomach, - a wine glafaful was given to exacely every how during the intermission. In some cases the back was repused in every form



By the mouth. Here Evanne y back proved swor effect of principally selvine on this move y kearment in case y children.

In the species of 1828 I want the Vietphate of Eminine in obtainance cases with great emercify and it suite before to the am impalmable in a caine on account of its being attained on the most inice and termands I being as easily taken I making be much though impression when the stomach with a smaller of wantly.

I generally prevented this field containing one pain cach, one of which was given to it doubt muy home, and in most casy ten pily some sup-freend to recent the pergul of the fear.



so other article has been found in the united stary to answer the purpose of line home to well as the Carry Flow rea.

I generally presented it in decention commissed with the bank of the lood of the launcy Toppaper in the common tapapers of our towneys in the following the aways of the following the away of the deced of in 4 the Daguer out bank if 3 if 9 the lood of Vappaper to be find in the growth of when the a grant and a first growth of the grant of the growth of the property of the form the second of the three growth of the second of the secon

of the four continued beyond the third a purch day, I always had secured to the lister, they were generally applied to the ancies of prosecute a most excellent expectly of them failed to for secure an intermispina, how man force applied to the secure to the winds of always for sensed an excellent expects in an intermispina the day after they were applied



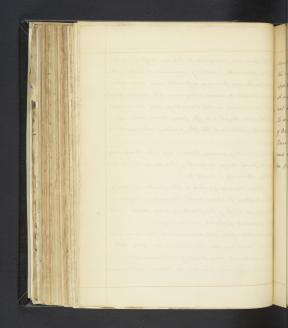
If the four in not yield to thistory it essent a tephny character, I problemy answered to seel in these cases on Sources from day, superated once every three forces aimed the superior hands and continued a mater force ating was induced, which was keeped up for some time, and if property attending the for the partient always seems.

est co-operating means, I prescribed the 13 ach combined with some armalin, Maderia soine, hot boddy, Baandy & south D.

If these means failed & the presse tenting, bein a picking, picting with Mandy & Cayeana paper, in Explored with the greatest profess advantage.

Beneseetin pues pot aum an alect in any case which came under my notice, nor did the Bules indicate any signs y inflammation.

Convalescence was marked by several extraordinary



Sumpting, some complained of a bittle base in the mouth, other of nausea & a total want of appeties.

A weaknoss of the knees was a constant-attend

Is semme there symptomy, I gave the Genelic of Barts, & Obia of Bills of in present doors. Guest accountage was decired from cycley, and a like it use of Balen when they could

be procured.

